

Engineering Cryptographic Software

Background

Radboud University, Nijmegen, The Netherlands



Winter 2024/25

About me

► E-Mail: peter@cryptojedi.org

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- ▶ E-Mail: peter@cryptojedi.org
- ▶ Professor at Radboud University (Nijmegen, NL)
- ▶ Since 2020 part time

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- ▶ Scientific Director at Max Planck Institute for Security and Privacy (MPI-SP)

About MPI-SP

- ▶ One of more than 80 Max Planck Institutes
- ▶ Founded in 2019
- ▶ Located in Bochum, Germany
- ▶ Today: 6 directors + 5 faculty
- ▶ Goal: 6 directors + 12 faculty
- ▶ Internship and Ph.D. programs within CS@MaxPlanck; see <https://www.cis.mpg.de/>

About this course

- ▶ Taught at Radboud University since 2014
- ▶ See <https://cryptojedi.org/peter/teaching/engineering-crypto-software-2025.shtml>
- ▶ Lectures Friday 8am CET in Zoom
- ▶ Lectures from Nov. 7 until Dec. 19 (7 lectures)
- ▶ Tutors: Romarick Mbah and Melchisedech Mbeng

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- ▶ Programming assignment on embedded CPU
- ▶ Work **in groups of 2**
- ▶ Assignment grade = course grade
- ▶ Deadline for assignment: December 21
- ▶ Resit deadline for assignment: January 25

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- ▶ Recommended prerequisite knowledge:
 - ▶ C programming
 - ▶ Course on cryptology